

AMENDMENTS TO THE CLAIMS

Please accept amended claims 1, 3, 13, 18 and 19 as follows:

1. (Currently Amended) A method of providing a service to a device, comprising the steps of:

querying at least one client within an environment for an available resource;
receiving, by the device, query information from the client;
forwarding, from the device, the query information to a gateway; and
requesting the service from a gateway, the gateway distributing the service
through the available resource provided by the client.

2. (Original) The method of claim 1, wherein the environment includes at least two resources, and the gateway performs the method steps of:

organizing the resources of the client; and
synchronizing the service distributed through the resources provided by the client.

3. (Currently Amended) The method of claim 1, wherein the environment includes at least two resources, and the gateway performs the method steps of:

evaluating the request for the service and the available resources to determine a match, wherein evaluating the request further includes determining an identity of a user of the device and a privilege of the user corresponding to the resource; and
generating an assignment of the service to a matched resource of the client.

4. (Original) The method of claim 1, further comprising the step of reserving the resource provided by the client for providing the service to the device.
5. (Original) The method of claim 1, further comprising the step of passing control of a composite device including the client and the device, from the device to the client.
6. (Original) The method of claim 1, wherein the device accepts input to a composite device including the client and the device.
7. (Original) The method of claim 1, wherein the device communicates with the gateway via a wireless connection.
8. (Original) The distributed device of claim 1, wherein the client and the gateway communicate through one of a wireless connection and a wire-line connection.
9. (Original) The method of claim 1, wherein the device is one of a personal digital assistant and an Internet ready cellular telephone.
10. (Original) The method of claim 1, wherein the device includes a web browser application.
11. (Original) The method of claim 1, wherein the device functions in one of three modes with respect to the client, the modes including abdicative, cooperative, and exclusive.

12. (Original) The method of claim 1, wherein the service is one of an audio service, a video service, and an audio/visual service.

13. (Currently Amended) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for establishing a composite device providing at least one service to a wireless device component of the composite device, the method steps comprising:

evaluating a request for a service and an available resource of at least one client of the composite device to determine a match;

organizing the resource of the client; and

generating an assignment of the service to a matched resource of the client, and upon determining a mismatch between the requested service and the available resource splitting content of the service among two or more available resources to produce a match between the content of the service and the available resources.

14. (Original) The program storage device of claim 13, further comprising the step of synchronizing the service distributed through the resource provided by the client.

15. (Original) The program storage device of claim 13, wherein the step of establishing the composite device including the client and the wireless device is based on at least one of location dependent information received from the wireless device, predefined

environmental knowledge, and dynamic information on the status of the client within the composite device.

16. (Original) The program storage device of claim 15, wherein the predefined environmental knowledge includes location information for the client.

17. (Original) The program storage device of claim 15, wherein the predefined environmental knowledge includes resource information for the client.

18. (Currently Amended) The program storage device of claim 13, wherein the step of generating the assignment further comprises one of ~~splitting content~~, converting content, and filtering content upon determining a mismatch between the requested service and the available resource.

19. (Currently Amended) A distributed device comprising a plurality of autonomous components which cooperate with a gateway component to provide a service to a wireless device component through at least one resource provided by at least one client component, the gateway component which assigns the service to the resource, the gateway component comprising:

a server for communicating with the plurality of autonomous components and the wireless device;

a database for storing process variables of the plurality of autonomous components; and

a distributed component object model server for invoking the service provided by at least one of the plurality of autonomous components.

20. (Original) The distributed device of claim 19, wherein the gateway component synchronizes two or more services provided to the wireless device component.

21. (Original) The distributed device of claim 19, wherein the client component and the gateway component communicate through one of a wireless connection and a wire-line connection.